

IN THE SPECIFICATION:

Page 1, before the header "Background ..." insert the following new paragraph:

This application is a continuation of U.S. Application No. 09/153,019 filed on September 13, 1998.

Page 5, replace the paragraph at lines 16-21 with the following:

As shown in the drawings, the manufacturing system according to the present invention mainly consists of cell conveyors 20 whereon a product 2 is firstly assembled, a main conveyor 10 whereon the product 2 assembled on the cell conveyors 20 is finally assembled, and a return conveyor 40 for returning a pallet 1 and the product 2 thereon conveyed on the cell conveyors 20 and main conveyor 10 to cell conveyors 20 after the assembly is completed.

Page 7, replace the paragraph at lines 7-13 with the following:

Between the output section of each cell conveyor 20 and each input section of the main conveyor 10, a pallet carrier 60 is disposed. The pallet carrier 60 includes a third unit conveyor, or pallet lifting conveyor, 61 installed at the output section of cell conveyors 20 so that it and having a surface that moves in the orthogonal direction with respect to the moving direction of cell conveyors 20, and a fourth unit conveyor, or pallet lowering conveyor, 62 installed at the input section of the main conveyor 10. The conveyor 62 has a surface moving in the same direction as the surface of the conveyor 61. The third and fourth unit conveyors 61 and 62 are simultaneously elevated by the actuators 5 installed at their lower portions.

Replace the paragraph bridging pages 8-9 with the following:

Now, attentions are invited to the operation of the pallet input devices 50 with reference to FIGS. FIGS. 2 through 10. When the pallet 1 is conveyed to the upper section of the first conveyor 51 after being returned by the return conveyor 40, it is stopped by the stopper 4 positioned at the rear section of the first unit conveyor 51.

FIGs. FIGS. 2 through 4 respectively show the pallet 1 conveyed to the upper section of the first unit conveyer 51 with side, upper and rear view. As shown, when the pallet 1 is conveyed to the upper section of the first unit conveyer 51, the first and the second unit conveyers 51 and 52 are simultaneously elevated by actuators 5 (FIG. 5). Subsequently, the pallet 1 is elevated with the first unit conveyer 51. After the first and second unit conveyers 51 and 52 are completely elevated, they move in the same direction with each other, and the pallet 1 is conveyed to one of two second unit conveyers 52 which are disposed at both sides of the first unit conveyer 51 (FIGs. FIGS. 6 and 7). When the pallet 1 is conveyed to the second unit conveyer 52 in a described manner, the first and the second unit conveyer 51 and 52 are de-elevated to be back to the initial position. At this instance, the pallet 1 on the second unit conveyer 52 is conveyed to the pallet input conveyer 53 which is orthogonally disposed to the second unit conveyer 52 by the de-elevation of the second conveyer 52 (FIG. 8). After that, the pallet input conveyer 53 is elevated up to the same height with the height of the cell conveyers 20 (FIG. 9), and the pallet 1 is input to the cell conveyers 20. In this situation, the product input conveyer 3 installed at the upper section of the pallet input conveyer 53 operates simultaneously so that the product 2 is loaded on the pallet 1 which is input to cell conveyers 20 (FIG. 19).